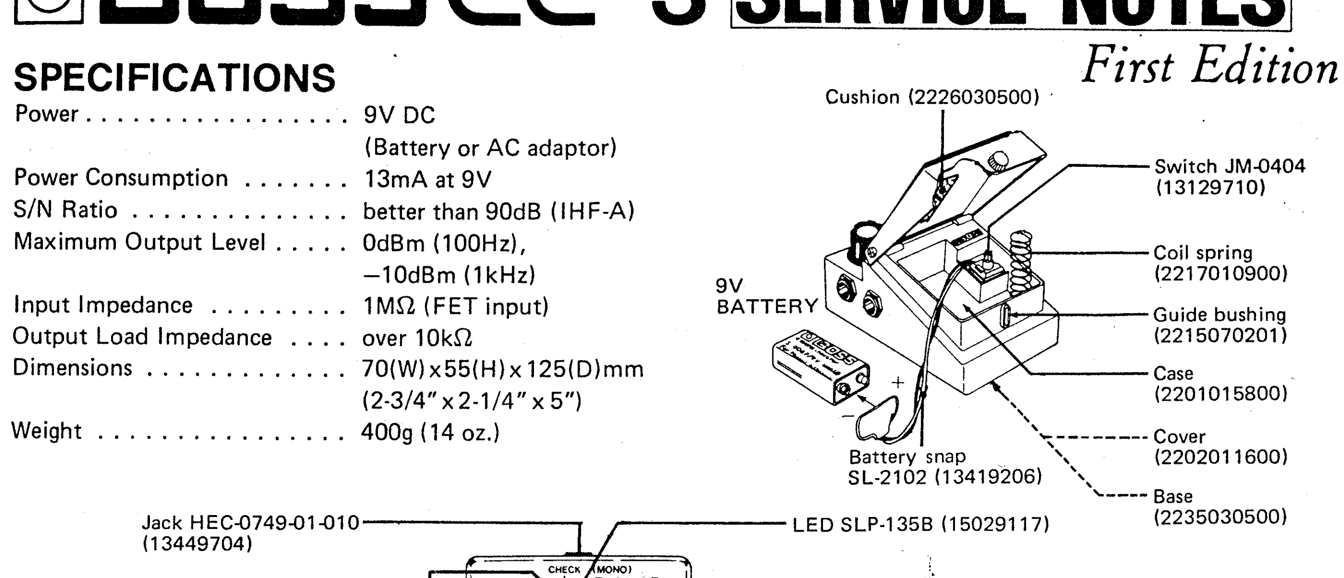
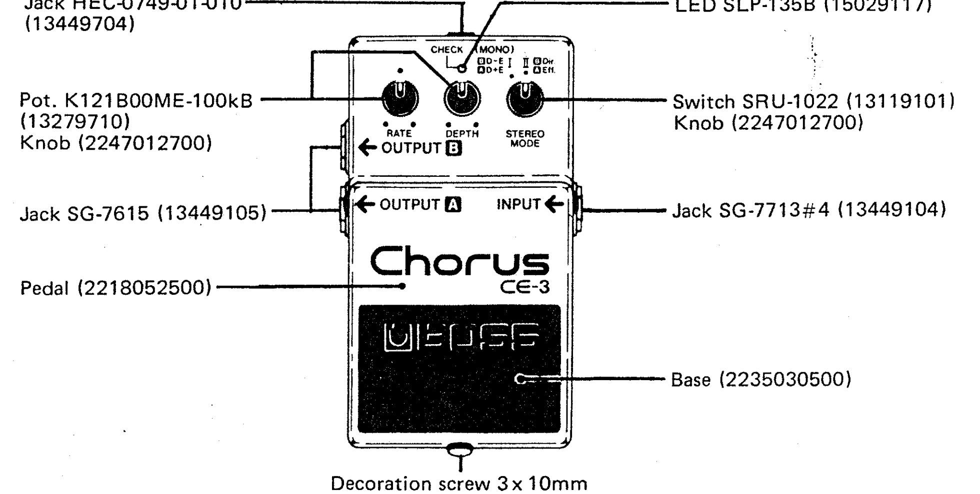
BOSS CE-3 SERVICE NOTES

First Edition

SPECIFICATIONS

Power	9V DC (Battery or AC adaptor)
Power Consumption	13mA at 9V
S/N Ratio	better than 90dB (IHF-A)
Maximum Output Level	0dBm (100Hz), −10dBm (1kHz)
Input Impedance	1MΩ (FET input)
Output Load Impedance	over 10kΩ
Dimensions	70(W) x 55(H) x 125(D)mm (2-3/4" x 2-1/4" x 5")
Weight	400g (14 oz.)





Decoration screw 3 x 10mm

PARTS LIST

2201015800	Case	light blue metallic
2218052500	Pedal	light blue metallic
2202011600	Cover	bottom
2235030500	Base	bottom
2235030400	Base	pedal matt
2215070201	Guide bushing	
2216050200	Spacer	pcb-bottom cover
2217010900	Coil spring	
7/17 変更 ← 2226030500	Cushion	
2247012700	Knob	
2226033300 13419206	Battery snap SL-2102	

JACK

13449104	SG-7713#4	INPUT
13449105	SG-7615	OUTPUT
13449704	HEC-0749-01-010	adaptor

SWITCH

13129710	JM-0404	key
13119101	SRU-1022	rotary

POTENTIOMETER

13279710	K121B00ME-100kB	RATE, DEPTH
13229140	H0651A-10kB	trimmer

PCB

7522251001	Ass'y ET5222-510	(pcb 2291055200)
	LED mounting	(pcb 2291049600)

IC

15189102	NJM4558DD	op amp
15189115	TL022CP	op amp
15219211	MN3207	BBD
15219210	MN3102	BBD driver

TRANSISTOR

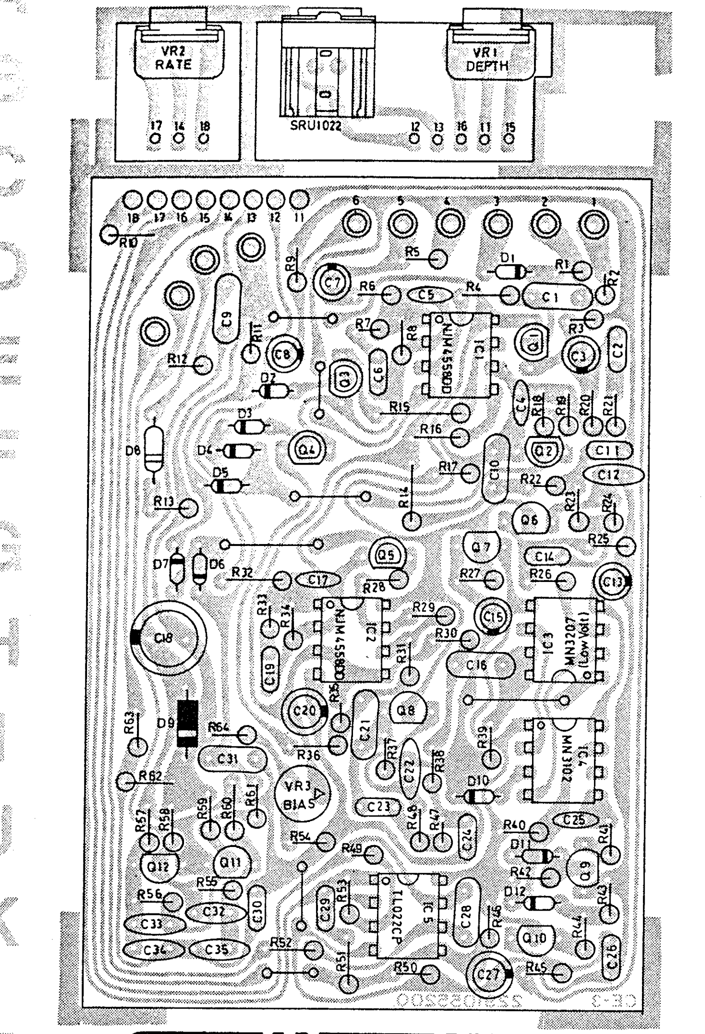
15129104	2SC732TM-GR	
15129108	2SC945-P	
15139101	2SK30ATM-Y	FET

DIODE

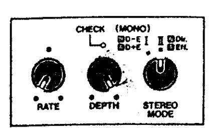
15019125	1SS133	
15019209T0	S5500G	
15019526	RD5.6EB-3	zener
15029117	SLP-135B	LED

LED.PCB
旧 2291049800 Tポリウパイプ + LED
SN2873008↑ 新 2291057800 + TR-2 + LED 12064308

ET5222-510 (7522251001) (pcb 2291055200)



ADJUSTMENT



Set controls as shown left. Feed a signal 200Hz, +2dBm, sine into INPUT jack.
Connect an oscilloscope to Q8 emitter.
Determine the BBD bias by turning VR-3 to provide a centered operating-point.

WAVEFORMS

Input signal 200mVp-p 200Hz

